

#2

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/848,868

DATE: 05/16/2001

TIME: 13:39:18

ENTERED

Input Set : A:\0450-0037.30-SEQLIST.txt

Output Set: N:\CRF3\05162001\I848868.raw

```

4 <110> APPLICANT: Iversen, Patrick L.
5   Hudziak, Robert
7 <120> TITLE OF INVENTION: Splice-Region Antisense Composition and
8   Method
10 <130> FILE REFERENCE: 0450-0037.30
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/848,868
C--> 13 <141> CURRENT FILING DATE: 2001-05-04
15 <150> PRIOR APPLICATION NUMBER: US 60/202,376
16 <151> PRIOR FILING DATE: 2000-05-04
18 <160> NUMBER OF SEQ ID NOS: 54
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 27
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: antisense
30 <400> SEQUENCE: 1
31 ctgtgcttac cgggttttcc acctccc                27
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 25
35 <212> TYPE: DNA
36 <213> ORGANISM: Artificial Sequence
38 <220> FEATURE:
39 <223> OTHER INFORMATION: antisense
41 <400> SEQUENCE: 2
42 atcgctcgtga ctgtctgttg gaggg                25
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 20
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: antisense
52 <400> SEQUENCE: 3
53 gctcacgttg aggggcatcg                        20
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 20
57 <212> TYPE: DNA
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: antisense
63 <400> SEQUENCE: 4
64 ggtcactcac cggtagagaa                        20
66 <210> SEQ ID NO: 5
67 <211> LENGTH: 20
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence

```

## RAW SEQUENCE LISTING

DATE: 05/16/2001

PATENT APPLICATION: US/09/848,868

TIME: 13:39:18

Input Set : A:\0450-0037.30-SEQLIST.txt

Output Set: N:\CRF3\05162001\I848868.raw

```

71 <220> FEATURE:
72 <223> OTHER INFORMATION: antisense
74 <400> SEQUENCE: 5
75 gggttccaag tctataaagg                                20
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 14
79 <212> TYPE: DNA
80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 6
83 tgtgtctttt ccag                                      14
85 <210> SEQ ID NO: 7
86 <211> LENGTH: 23
87 <212> TYPE: DNA
88 <213> ORGANISM: Homo sapiens
90 <400> SEQUENCE: 7
91 tttggagact gccagggacc atg                            23
93 <210> SEQ ID NO: 8
94 <211> LENGTH: 20
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: antisense
101 <400> SEQUENCE: 8
102 catggtccct ggcagtctcc                                20
104 <210> SEQ ID NO: 9
105 <211> LENGTH: 36
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: antisense
112 <400> SEQUENCE: 9
113 tcaatgggca aaacatggtc cctggcagtc tcctaaa          36
115 <210> SEQ ID NO: 10
116 <211> LENGTH: 15
117 <212> TYPE: DNA
118 <213> ORGANISM: Homo sapiens
120 <400> SEQUENCE: 10
121 tttgtgttct cccag                                    15
123 <210> SEQ ID NO: 11
124 <211> LENGTH: 23
125 <212> TYPE: DNA
126 <213> ORGANISM: Homo sapiens
128 <400> SEQUENCE: 11
129 ggaaacagaa gtacctgtgc gcc                            23
131 <210> SEQ ID NO: 12
132 <211> LENGTH: 18
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:

```

## RAW SEQUENCE LISTING

DATE: 05/16/2001

PATENT APPLICATION: US/09/848,868

TIME: 13:39:18

Input Set : A:\0450-0037.30-SEQLIST.txt

Output Set: N:\CRF3\05162001\I848868.raw

```

137 <223> OTHER INFORMATION: antisense
139 <400> SEQUENCE: 12
140 ggcgcacagg tacttctg 18
142 <210> SEQ ID NO: 13
143 <211> LENGTH: 36
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: antisense
150 <400> SEQUENCE: 13
151 aatcatttct gctggcgac aggtacttct gtttcc 36
153 <210> SEQ ID NO: 14
154 <211> LENGTH: 18
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: antisense
161 <400> SEQUENCE: 14
162 cccctgcagc acgcgggt 18
164 <210> SEQ ID NO: 15
165 <211> LENGTH: 37
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: antisense
172 <400> SEQUENCE: 15
173 gaggcagggc cggcaggacc cctgcagca cgcgggt 37
175 <210> SEQ ID NO: 16
176 <211> LENGTH: 20
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: antisense
183 <400> SEQUENCE: 16
184 ggcacgcgtc cgggaggctg 20
186 <210> SEQ ID NO: 17
187 <211> LENGTH: 20
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: antisense
194 <400> SEQUENCE: 17
195 gggcacgtc gcggaggct 20
197 <210> SEQ ID NO: 18
198 <211> LENGTH: 20
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: antisense

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/848,868

DATE: 05/16/2001

TIME: 13:39:18

Input Set : A:\0450-0037.30-SEQLIST.txt  
Output Set: N:\CRF3\05162001\I848868.raw

205 <400> SEQUENCE: 18  
206 ggggcatcgt cgcgggaggc  
208 <210> SEQ ID NO: 19 20  
209 <211> LENGTH: 20  
210 <212> TYPE: DNA  
211 <213> ORGANISM: Artificial Sequence  
213 <220> FEATURE:  
214 <223> OTHER INFORMATION: antisense  
216 <400> SEQUENCE: 19  
217 aggggcatcg tcgaggagc  
219 <210> SEQ ID NO: 20 20  
220 <211> LENGTH: 20  
221 <212> TYPE: DNA  
222 <213> ORGANISM: Artificial Sequence  
224 <220> FEATURE:  
225 <223> OTHER INFORMATION: antisense  
227 <400> SEQUENCE: 20  
228 gaggggcatc gtcgaggag  
230 <210> SEQ ID NO: 21 20  
231 <211> LENGTH: 20  
232 <212> TYPE: DNA  
233 <213> ORGANISM: Artificial Sequence  
235 <220> FEATURE:  
236 <223> OTHER INFORMATION: antisense  
238 <400> SEQUENCE: 21  
239 tgaggggcat cgtcaggga  
241 <210> SEQ ID NO: 22 20  
242 <211> LENGTH: 20  
243 <212> TYPE: DNA  
244 <213> ORGANISM: Artificial Sequence  
246 <220> FEATURE:  
247 <223> OTHER INFORMATION: antisense  
249 <400> SEQUENCE: 22  
250 ttgaggggca tcgtcaggc  
252 <210> SEQ ID NO: 23 20  
253 <211> LENGTH: 20  
254 <212> TYPE: DNA  
255 <213> ORGANISM: Artificial Sequence  
257 <220> FEATURE:  
258 <223> OTHER INFORMATION: antisense  
260 <400> SEQUENCE: 23  
261 gttgaggggc atcgtcaggc  
263 <210> SEQ ID NO: 24 20  
264 <211> LENGTH: 20  
265 <212> TYPE: DNA  
266 <213> ORGANISM: Artificial Sequence  
268 <220> FEATURE:  
269 <223> OTHER INFORMATION: antisense  
271 <400> SEQUENCE: 24

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/848,868

DATE: 05/16/2001

TIME: 13:39:18

Input Set : A:\0450-0037.30-SEQLIST.txt  
Output Set: N:\CRF3\05162001\I848868.raw

```
272 cgttgagggg catcgctgcg
274 <210> SEQ ID NO: 25
275 <211> LENGTH: 20
276 <212> TYPE: DNA
277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <223> OTHER INFORMATION: antisense
282 <400> SEQUENCE: 25
283 acgttgaggg gcatcgctgcg
285 <210> SEQ ID NO: 26
286 <211> LENGTH: 20
287 <212> TYPE: DNA
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: antisense
293 <400> SEQUENCE: 26
294 aacgttgagg ggcacgctcg
296 <210> SEQ ID NO: 27
297 <211> LENGTH: 20
298 <212> TYPE: DNA
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: antisense
304 <400> SEQUENCE: 27
305 taacgttgag gggcatcgtc
307 <210> SEQ ID NO: 28
308 <211> LENGTH: 20
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: antisense
315 <400> SEQUENCE: 28
316 ctaacgttga ggggcatcgt
318 <210> SEQ ID NO: 29
319 <211> LENGTH: 20
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: antisense
326 <400> SEQUENCE: 29
327 gctaacgttg aggggcatcg
329 <210> SEQ ID NO: 30
330 <211> LENGTH: 20
331 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: antisense
337 <400> SEQUENCE: 30
338 agctaacgtt gagggcatc
```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/848,868

DATE: 05/16/2001

TIME: 13:39:19

Input Set : A:\0450-0037.30-SEQLIST.txt

Output Set: N:\CRF3\05162001\I848868.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date